

**CONTRACT REQUEST FORM (CRF)**

CEC-94 (Revised 1/11)

CALIFORNIA ENERGY COMMISSION



☒ New Contract 600-10-006    ☐ Amendment to Existing Contract:      - -          Amendment Number:      

Division	Contract Manager:	MS-	Phone	CM Training Date
600 Fuels and Transportation Division	Kirk Switzer	44	916-651-2939	9/29/09

Contractor's Legal Name	Federal ID Number
United States Forest Service - Pacific Southwest Research Station	72-0564834

Title of Project
Assessing the Sustainability of Forest Biomass Utilization in California

Term	Start Date	End Date	Amount
New/Original Contract	6 / 1 / 11	05 / 11 / 14	\$ 1,500,000

Line up the Amendment information as best as possible in the following boxes

Amendment #	End Date (mm/dd/yy)	Amount

#### Business Meeting Information

Proposed Business Meeting Date	5/4/11	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	Bill Kinney	Time Needed:	5 minutes

#### Agenda Item Subject and Description

Possible approval of an agreement with United States Forest Service - Pacific Southwest Research Station, to investigate the sustainability of forest biomass utilization for renewable biofuels. This research project will collect and analyze critical field data and develop field case studies, to answer the basic questions of where, when, and how woody biomass utilization is sustainable.

**Business Meeting approval is not required for the following types of contracts:** *Executive Director's signature is required in all cases.*

- ☐ Contracts less than \$10k (*Policy Committee's signature is also required*)
- ☐ Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- ☐ Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

#### Purpose of Contract or Purpose of Amendment, if applicable

The purpose of this agreement is to comprehensively investigate how elements of forest ecosystem sustainability interact with potential biomass extraction and utilization under differing management practices and disturbance regimes. Additionally, it will analyze the economics of biomass utilization to identify dynamic interactions among biomass project design characteristics. By using existing research teams with proven track records, active and ongoing study sites with robust data sets, and leveraging existing research programs and findings we intend to create research results that close key research gaps in the sustainability of forest biomass utilization. AB 118 authorizes investment in research that evaluates the sustainability of forest biomass utilization. This research project is intended to collect and analyze critical field data and develop actual case studies, to answer the basic questions of where, when, and how woody biomass utilization is sustainable. The Final Report will describe the original purpose, approach, results and conclusions of the work done under this Agreement.

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**California Environmental Quality Act (CEQA) Compliance**

1. Is Contract considered a "Project" under CEQA?

☒ Yes: skip to question 2☐ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because \_\_\_\_\_.

2. If contract is considered a "Project" under CEQA:

☒ a) Contract **IS** exempt. (Draft NOE required)☐ Statutory Exemption. List PRC and/or CCR section number: \_\_\_\_\_☒ Categorical Exemption. List CCR section number: 15306☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

it consists only of data collection and research in experimental forests that will not result in a serious or major disturbance to an environmental resource.

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.**Budgets Information**

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved ?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$1,500,000	09/10	\$1,500,000	Yes	ARFVTF	09/10	601.118	\$1,500,000
ECAA	\$		\$	No	Funding Source			\$
State- ERPA	\$		\$	No	Funding Source			\$
Federal	\$		\$	No	Funding Source			\$
PIER - E	\$		\$	No	Funding Source			\$
PIER - NG	\$		\$	No	Funding Source			\$
Reimbursement	\$		\$	No	Funding Source			\$
RRTF	\$		\$	No	Funding Source			\$
Other	\$		\$	No	Funding Source			\$
TOTAL: \$1,500,000		TOTAL:	\$1,500,000		TOTAL: \$1,500,000			
Reimbursement Contract #:					Federal Agreement #:			

**Contractor's Administrator/ Officer**

Name: Brian Hanlon  
 Address: 800 Buchanan St.  
 City, State, Zip: Albany, CA 94706  
 Phone/ Fax: 510 559-6309  
 E-Mail: bhanlon@fs.fed.us

**Contractor's Project Manager**

Name: Richard Bottoms  
 Address: 1731 Research Park Dr.  
 City, State, Zip: Davis, CA 95618  
 Phone/ Fax: 530 759-1703  
 E-Mail: rmbottoms@fs.fed.us

**Contractor Is**☐ Private Company (including non-profits)☐ CA State Agency (including UC and CSU)☒ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)**Selection Process Used**☐ Solicitation

Select Solicitation Type \_\_\_\_\_

Solicitation #: - -

☐ Non Competitive Bid (Attach CEC 96)☒ Exempt

Other Governmental Entity \_\_\_\_\_

**Civil Service Considerations**☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)☐ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

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- ☒ The Services Contracted:
- ☐ are not available within civil service
  - ☐ cannot be performed satisfactorily by civil service employees
  - ☒ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system.
- ☒ The Services are of such an:
- ☐ urgent
  - ☐ temporary, or
  - ☒ occasional nature
- that the delay to implement under civil service would frustrate their very purpose.

**Justification:**

In order to adequately perform the work to be done under this contract, personnel must have specific expertise in forest ecosystem sustainability, biomass extraction and utilization, and the economics of biomass utilization. As a result, this work could not be properly performed by civil service employees.

**Payment Method**

- ☒ A. Reimbursement in arrears based on:
- ☒ Itemized Monthly
  - ☐ Itemized Quarterly
  - ☐ Flat Rate
  - ☐ One-time
- ☐ B. Advanced Payment
- ☐ C. Other, explain:

**Retention**

1. Is contract subject to retention? ☒ No ☐ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☐ No ☐ Yes

**Justification of Rates**

N/A This is an agreement with a federal agency.

**Disabled Veteran Business Enterprise Program (DVBE)**

1. ☒ Not Applicable
2. ☐ Meets DVBE Requirements DVBE Amount:\$ \_\_\_\_\_ DVBE %: \_\_\_\_\_
- ☐ Contractor is Certified DVBE
  - ☐ Contractor is Subcontracting with a DVBE: \_\_\_\_\_
3. ☐ Requesting DVBE Exemption (attach CEC 95)

**Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?**

- ☒ No ☐ Yes
- If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

**Is Contractor subcontracting any services?**

- ☐ No ☒ Yes
- If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:
- |                                    |  |                             |  |                               |
|------------------------------------|--|-----------------------------|--|-------------------------------|
| University of California, Davis    | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB            | <input type="checkbox"/> DVBE |
| University of California, Berkeley | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB            | <input type="checkbox"/> DVBE |
| Spatial Informatics Group          | <input type="checkbox"/> No            | <input type="checkbox"/> SB | <input checked="" type="checkbox"/> MB | <input type="checkbox"/> DVBE |

**Miscellaneous Contract Information**

1. Will there be Work Authorizations? ☒ No ☐ Yes
2. Will there be IT expenditures? ☐ No ☒ Yes
3. Is the Contractor providing confidential information? ☒ No ☐ Yes
4. Is the contractor going to purchase equipment? ☐ No ☒ Yes
5. Check frequency of progress reports
- ☒ Monthly
  - ☐ Quarterly
  - ☐ Other...
6. Will a final report be required? ☐ No ☒ Yes
7. Is the contract, with amendments, longer than a year? If yes, why? ☐ No ☒ Yes
- Comprehensive and complex investigation, analysis, and reporting requires longer than one year.

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**The following items should be attached to this CRF**

1. Scope of Work, Attach as Exhibit A.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
2. Budget Detail, Attach as Exhibit B.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
4. CEC 30, Survey of Prior Work	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
5. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
6. Draft CEQA Notice of Exemption (NOE)	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
7. Resumes	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached

\_\_\_\_\_  
Contract Manager\_\_\_\_\_  
Date\_\_\_\_\_  
Office Manager\_\_\_\_\_  
Date\_\_\_\_\_  
Deputy Director\_\_\_\_\_  
Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.  
See Business Meeting Information Section.

\_\_\_\_\_  
Presiding Policy Committee\_\_\_\_\_  
Date\_\_\_\_\_  
Associate Policy Committee\_\_\_\_\_  
Date\_\_\_\_\_  
Executive Director\_\_\_\_\_  
Date